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DOCKET NO.: C0989.70045US01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Gilmanshin et al.
Serial No.: 10/763,567
Confirmation No.: 4885
Filed: January 23, 2004
For: METHODS FOR ANALYZING POLYMER POPULATIONS
Examiner: Karlheinz R. Skowronek
Art Unit: 1631

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to MAIL STOP AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 14th day of July, 2006.

Emily E. Zukauskas
Emily E. Zukauskas

MAIL STOP AMENDMENT

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith are the following documents:

- Information Disclosure Statement
- PTO Form 1449 with cited references
- Return Receipt Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 646-8000, Boston, Massachusetts.

A check is not enclosed. If a fee is required, the Commissioner is hereby authorized to charge Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

Respectfully submitted,

By: *Maria A. Trevisan*
Maria A. Trevisan, Reg. No.: 48,207
Wolf, Greenfield & Sacks, P.C.
600 Atlantic Avenue
Boston, Massachusetts 02210-2206
Telephone: (617) 646-8000

Docket No.: C0989.70045US01
Date: July 14, 2006
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Emily E. Zukauskas

MAIL STOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

STATEMENT FILED PURSUANT TO THE DUTY OF
DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

PART I: Compliance with 37 C.F.R. §1.97

This Information Disclosure Statement has been filed before the mailing of a first Office action on the merits in the above-identified case.

No fee or certification is required.

PART II: Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified PTO/SB/08). The order of presentation of the references should not be construed as an indication of the importance of the references.

The Applicant hereby makes the following additional information of record in the above-identified application.

The Applicant would like to bring to the Examiner's attention the following co-pending applications that may contain subject matter related to this application:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Inventor(s)</u>	<u>Docket No.</u>
11/210,111	08-23-2005	Randall et al.	*C0989.70067US01
11/250,179	10-13-2005	Larson et al.	*C0989.70076US01
11/253,051	10-18-2005	Nilsen et al.	*C0989.70077US01
11/286,714	11-23-2005	Nadel et al.	*C0989.70072US01
11/364,856	02-27-2006	White et al.	*C0989.70087US01
11/448,411	06-07-2006	Fuchs et al.	*C0989.70039US02
11/474,067	06-23-2006	Neely et al.	*C0989.70088US01
11/474,088	06-23-2006	Neely et al.	*C0989.70078US01

*A copy of this reference is not provided as the Office has waived the requirement under 37 C.F.R. 1.98(a)(2)(iii) for submitting a copy of a cited U.S. patent application if it is scanned to the Image File Wrapper system and is available on Private PAIR.

PART III: Remarks

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 (modified PTO/SB/08) be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;

3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.


By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his or her own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

Respectfully submitted,

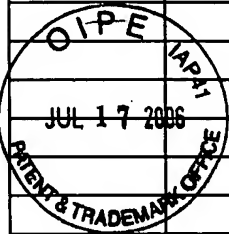
By: 

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FORM PTO-1449/A and B (modified PTO/SB/08) INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICATION NO.: 10/763,567	ATTY. DOCKET NO.: C0989.70045US01	
				FILING DATE: January 23, 2004	CONFIRMATION NO.: 4885	
				APPLICANT: Gilmanshin et al.		
				GROUP ART UNIT: 1631	EXAMINER: Karlheinz R. Skowronek	
Sheet	1	of	2			

U.S. PATENT DOCUMENTS

Examiner's Initials #	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or Issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
		5,356,776		Kambara et al.	10-18-1994
		5,492,806		Drmanac et al.	02-20-1996
		5,707,797		Windle	01-13-1998
		5,789,167		Konrad	08-04-1998
		2002-0037506	A1	Lin et al.	03-28-2002
		2005-0196790	A1	Rooke et al.	09-08-2005
		2005-0221408	A1	Nalefski et al.	10-06-2005
		2006-0078915	A1	Fuchs et al.	04-13-2006
		2006-0134679	A1	Larson et al.	06-22-2006

FOREIGN PATENT DOCUMENTS

Examiner's Initials #	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/ Country	Number	Kind Code			

OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials #	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
		BEZRUKOV et al., Counting polymers moving through a single ion channel. Nature. 1994 Jul 28;370(6487):279-81.	
		CASTRO et al., Single-Molecule Electrophoresis: Applications to Biomolecular Detection. SPIE. 1995; 2396:79-85.	
		EKSTRØM et al., Two-point fluorescence detection and automated fraction collection applied to constant denaturant capillary electrophoresis. Biotechniques. 2000 Sep;29(3):582-4, 586-9.	
		LITTLE et al., Rapid sequencing of oligonucleotides by high-resolution mass spectrometry. J Am Chem Soc. 1994; 116(11):4893-7.	
		NIE et al., Probing individual molecules with confocal fluorescence microscopy. Science. 1994 Nov 11;266(5187):1018-21.	

EXAMINER:	DATE CONSIDERED:
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449/A and B (modified PTO/SB/08) INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICATION NO.: 10/763,567	ATTY. DOCKET NO.: C0989.70045US01	
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				GROUP ART UNIT: 1631	EXAMINER: Karlheinz R. Skowronek	
Sheet	2	of	2			

		SCHELLMAN et al., Optical spectroscopy of oriented molecules. Am Chem Soc. Chem Rev. 1987; 87:1359-99.	
		SCHWARTZ et al., Conformational dynamics of individual DNA molecules during gel electrophoresis. Nature. 1989 Apr 6;338(6215):520-2.	
		SCHWARTZ et al., Ordered restriction maps of Saccharomyces cerevisiae chromosomes constructed by optical mapping. Science. 1993 Oct 1;262(5130):110-4. Abstract Only.	
		SHERA et al., Detection of single fluorescent molecules. Chem Phys Letts. 1990; 174(6): 553-7.	
		SHORTREED et al., High-throughput single-molecule DNA screening based on electrophoresis. Anal Chem. 2000 Jul 1;72(13):2879-85.	

*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. __, filed __, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

[NOTE – No copies of U.S. patents, published U.S. patent applications, or pending, unpublished patent applications stored in the USPTO's Image File Wrapper (IFW) system, are included. See 37 CFR §1.98 and 1287OG163. Copies of all other patent(s), publication(s), unpublished, pending U.S. patent applications, or other information listed are provided as required by 37 CFR §1.98 unless 1) such copies were provided in an IDS in an earlier application that complies with 37 CFR §1.98, and 2) the earlier application is relied upon for an earlier filing date under 35 U.S.C. §120.]

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